

Recombinant Human PMP22 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PMP22-1034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PMP22 MS Standard C13 and N15-labeled recombinant protein (NP_000295) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type 1A, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants.
Molecular Mass	17.9 kDa
AA Sequence	MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNGHATDLWQNCSTSSSGNVVHHCFS SSP NEWLQSVQATMILSIIFSILSLFFFCQLFTLTGGRFYITGIFQILAGLCVMSAAAIYTV RHPEWHLNSDYSYGFAYILAWVAFPLALLSGVIYVILRKRETRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PMP22 peripheral myelin protein 22 [Homo sapiens (human)]

Official Symbol PMP22

Synonyms PMP22; peripheral myelin protein 22; GAS 3; HNPP; Sp110; PMP-22; growth arrest-specific 3; growth arrest-specific protein 3; DSS; CMT1A; CMT1E; GAS-3; HMSNIA; MGC20769;

Gene ID 5376

mRNA Refseq NM_000304

Protein Refseq NP_000295

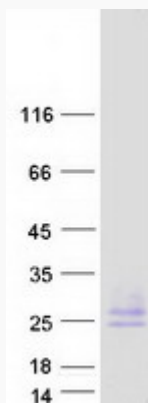
MIM 601097

UniProt ID Q01453

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SDS-PAGE

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